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**Certificate of Transmission Under 37 C.F.R. §1.8**      **Date of Transmission October 22, 2004**  
I hereby certify that this document and the documents referred to herein as attached are being transmitted via facsimile to the United States Patent and Trademark Office, Attn: Examiner Peguy Jean Pierre, Art Unit 2819 facsimile number (703) 872-9306 on the above indicated date of transmission.

Date of Deposit:	10/22/2004	Name of Person Making the Deposit:	Rhonda Dunn	Signature of the Person Making the Deposit:	
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In re Application of: Whittaker et al.  
Serial No. : 10/645,650  
Filed: August 20, 2003  
Title: Analog To Digital Converter

Docket No.: INSY0001C  
Art Unit: 2855  
Examiner: Peguy Jean Pierre

DATE: October 22, 2004

To: United States Patent and Trademark Office  
Mail Stop Non Fee Amendment  
P.O. Box 1450  
Alexandria, VA 22313-1450

ATTN: Examiner Peguy Jean Pierre, Art Unit 2819

**Attached to this coversheet please find the following document:**

1. Response to Office Action (11 pages); and
2. Petition for Extension of Time (1 sheet, in duplicate)

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5 Rhonda Dunn  
Rhonda Dunn

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Whittaker et al.

Docket No.: INSY0001C

10 Serial No.: 10/645,650

Art Unit: 2819

Filed: 08/20/2003

Examiner: Jean Pierre, Peguy

Title: ANALOG TO DIGITAL CONVERTER

October 22, 2004

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Mail Stop Non Fee Amendments

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

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**AMENDMENT AND RESPONSE**

Sir:

25 This Amendment is responsive to the Office Action, dated 22 April 2004, for the  
above-identified patent application. A list of amended claims is enclosed herein.